

wherein said receiver system receives information via subchannels of said channel, by employing at least two independent parallel applications of said substantially orthogonalizing procedure by said at least one processing element, each of said subchannels being defined by a combination of output bin and spatial direction;

wherein said at least one processing element applies said substantially orthogonalizing procedure independently for each of said channel outputs;

wherein said spatial processor, for each of said spatial directions applies one of said weightings to output of said at least one processing element to define contributions from each of said channel outputs;

a decoder that applies a decoding procedure to outputs from said spatial processor; and

wherein said decoding procedure is based on turbo coding.--

### CONCLUSION

Consideration of the application and allowance of all claims are respectfully requested. If at any time the Examiner believes that a telephone conference would be helpful in expediting this matter, please contact the undersigned at (650) 903-3507.

Respectfully submitted,

  
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